

Title (en)  
Imaging apparatus for diagnosis with a motor drive apparatus

Title (de)  
Abbildungsvorrichtung zur Diagnose mit einer Motorantriebsvorrichtung

Title (fr)  
Système d'imagerie pour diagnostic avec un appareil motorisé

Publication  
**EP 2540219 A1 20130102 (EN)**

Application  
**EP 12174219 A 20120628**

Priority  
JP 2011146297 A 20110630

Abstract (en)  
A motor drive apparatus mounted with an imaging probe having a transmitting and receiving unit which carries out signal transmission and reception continuously, comprises: a scanner unit (200); a pull-back unit (210); and an operation unit (220), wherein on the side surface of the scanner unit, there are formed, at positions where facing each other, a convex portion (201) formed for a predetermined length along the straight-ahead direction of the scanner unit, and a concave portion having an upper end surface which forms an identical surface as a lower end surface of the convex portion.

IPC 8 full level  
**A61B 5/00** (2006.01); **A61B 8/00** (2006.01); **A61B 8/12** (2006.01); **A61B 5/08** (2006.01)

CPC (source: EP US)  
**A61B 5/0066** (2013.01 - EP US); **A61B 5/0084** (2013.01 - EP US); **A61B 8/12** (2013.01 - EP US); **A61B 8/4209** (2013.01 - EP US); **A61B 8/4455** (2013.01 - EP US); **A61B 8/0891** (2013.01 - EP US); **A61B 8/4461** (2013.01 - EP US); **A61B 2560/0425** (2013.01 - EP US); **A61B 2560/0431** (2013.01 - EP US)

Citation (applicant)  
JP 2011146297 A 20110728 - ALPS ELECTRIC CO LTD

Citation (search report)  
• [X] WO 9812968 A1 19980402 - BOSTON SCIENT CORP [US]  
• [I] WO 9812967 A1 19980402 - BOSTON SCIENT CORP [US]  
• [A] US 5810733 A 19980922 - VAN CREVELD DONALD L [US], et al  
• [A] US 2008282846 A1 20081120 - SHARIFI-MEHR AMIR ALI [US], et al  
• [A] US 6398755 B1 20020604 - BELEF W MARTIN [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2540219 A1 20130102**; **EP 2540219 B1 20190306**; JP 2013013440 A 20130124; JP 5755957 B2 20150729; US 2013002843 A1 20130103; US 9084532 B2 20150721

DOCDB simple family (application)  
**EP 12174219 A 20120628**; JP 2011146297 A 20110630; US 201213533462 A 20120626